



**PATENT APPLICATION**

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

Application of

Docket No: Q77079

Volker BRAUN, et al.

Appln. No.: 10/663,772

Group Art Unit: Not Assigned

Confirmation No.: Not Assigned

Examiner: Not Assigned

Filed: September 17, 2003

For: TELECOMMUNICATION SYSTEM WITH TRANSMIT AND MULTI-USER DIVERSITY

**INFORMATION DISCLOSURE STATEMENT**  
**UNDER 37 C.F.R. §§ 1.97 and 1.98**

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

In accordance with the duty of disclosure under 37 C.F.R. § 1.56, Applicants hereby notify the U.S. Patent and Trademark Office of the documents which are listed on the attached PTO/SB/08 A & B (modified) form and/or listed herein and which the Examiner may deem material to patentability of the claims of the above-identified application.

Applicants hereby advise the Examiner of the following related application:

1. U.S. Application 10/648,447 filed August 27, 2003, entitled  
"Telecommunication System with Transmit and Multi-User" by Volker Braun  
et al

One copy of each of the listed documents, along with the related application listed above, is submitted herewith, along with a copy of the corresponding Communication from a Foreign Patent Office.

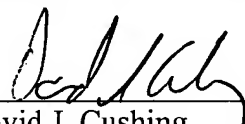
INFORMATION DISCLOSURE STATEMENT  
U.S. Appln. No.:10/663,772

The present Information Disclosure Statement is being filed: (1) No later than three months from the application's filing date; (2) Before the mailing date of the first Office Action on the merits (whichever is later); or (3) Before the mailing date of the first Office Action after filing a request for continued examination (RCE) under §1.114, and therefore, no Statement under 37 C.F.R. § 1.97(e) or fee under 37 C.F.R. § 1.17(p) is required.

The submission of the listed documents is not intended as an admission that any such document constitutes prior art against the claims of the present application. Applicants do not waive any right to take any action that would be appropriate to antedate or otherwise remove any listed document as a competent reference against the claims of the present application.

The USPTO is directed and authorized to charge all required fees, except for the Issue Fee and the Publication Fee, to Deposit Account No. 19-4880. Please also credit any overpayments to said Deposit Account. A duplicate copy of this paper is attached.

Respectfully submitted,

  
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WASHINGTON OFFICE

**23373**

CUSTOMER NUMBER

Date: December 12, 2003

Substitute for Form 1449 A &amp; B/PTO

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Complete if Known

**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**

(use as many sheets as necessary)

Sheet

1

of

1

Application Number	10/663,772
Confirmation Number	Not Assigned
Filing Date	September 17, 2003
First Named Inventor	Volker BRAUN
Art Unit	Not Assigned
Examiner Name	Not Assigned
Attorney Docket Number	Q77079

**U.S. PATENT DOCUMENTS**

Examiner Initials*	Cite No. <sup>1</sup>	Document Number		Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document
		Number	Kind Code <sup>2</sup> (if known)		
		US			
		US			
		US			
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**FOREIGN PATENT DOCUMENTS**

Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document			Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Translation <sup>6</sup>
		Country Code <sup>3</sup>	Number <sup>4</sup>	Kind Code <sup>5</sup> (if known)			
		EP	1 211 820	A	06/05/02	Lucent Technologies	Yes

**NON PATENT LITERATURE DOCUMENTS**

Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city, and/or country where published.	Translation <sup>6</sup>
		Thomas Hedberg et al, "Evolving WCDMA", ERICSSON REVIEW, 'Online! No. 3, 2001, pp. 124-131, XP002228837	Yes
		"3 <sup>rd</sup> Generation Partnership Project (3GPP); Technical Specification Group Radio Access Network; UTRA High Speed Downlink Packet Access; Release 4; TR 25.950 V 4.0.0", 3GPP TR 25.950 V4.0.0, XX, XX, March 2001, pp. 1-27, XP002213178	Yes
		U.S. Application 10/648,447 filed August 27, 2003, entitled "Telecommunication System with Transmit and Multi-User" by Volker Braun et al	

Examiner Signature

Date Considered

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup>Applicant's unique citation designation number (optional). <sup>2</sup>See Kind Codes of USPTO Patent Documents at www.uspto.gov, MPEP 901.04 or in the comment box of this document. <sup>3</sup>Enter Office that issued the document, by the two-letter code (WIPO Standard ST. 3). <sup>4</sup>For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup>Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. <sup>6</sup>Applicant is to indicate here if English language Translation is attached.